

What is claimed is:

1. A coaxial wire storage wheel device comprising:

a wire storage turning wheel having a uniform diameter, a center hole
jointed to a uni-axial portion, and a wheel plane distinguished into left
5 and right wheel planes;

a spiral spring having a bottom end thereof connected to the axial
portion and an outer end thereof connected to the wheel plane of the
wire storage turning wheel;

a communication wire with an appropriate distance fastened at the
10 wheel plane to define upper and lower wires;

a right wall body having an inner wall plane thereof fixed to the axial
portion inserted through a left wall body, and a wire storage groove
formed at the and right wheel planes; wherein, the wire storage
groove is for winding and storing the upper and lower wires, thereby
15 releasing the upper wire at the turning wheel with equal length and
distance as those of the lower wire being simultaneously released.

2. The coaxial wire storage wheel device according to claim 1, wherein
the left and right wheel planes are for storing the upper and lower
wires, respectively, and have corresponding outer diameters of the
20 left and right wheel planes in order to control a ratio of lengths of the

upper and lower wires released from the wire storage groove.

3. The coaxial wire storage wheel device according to claim 1, wherein the left and right wheel planes have a mutual rotation centerline.

4. The coaxial wire storage wheel device according to claim 1, wherein
5 the wheel plane of the turning wheels has two notches for wedging
and positioning the communication wire and thereby defining the
upper and lower wires.

5. The coaxial wire storage wheel device according to claim 1, wherein
two ends of the communication wire may be devised as a plug and a
10 socket for conducting electricity.

6. The coaxial wire storage wheel device according to claim 1, wherein
two ends of the communication wire may be devised as a plug and a
socket for transmitting signals.

7. The coaxial wire storage wheel device according to claim 1, wherein
15 the left and right wall bodies have upper and lower ends thereof
formed with insertion posts, and insertion holes, respectively;
wherein, the insertion posts are inserted into the insertion holes and
thereby joining the left and right wall bodies, and between each two
adjacent insertion poles are formed with an insertion groove for
20 extending the upper and lower wires therein to an exterior.

8. The coaxial wire storage wheel device according to claim 1, wherein the left and right wall bodies are joined by a screw screwed from the center hole of the left wall body to a screw opening of the axial portion.

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